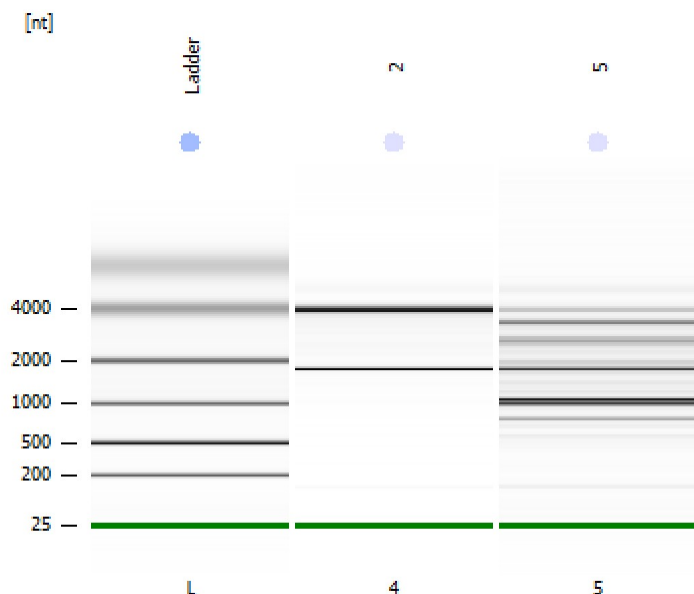


Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
 Modified: 8/6/2020 1:58:43 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
 Serial#: DE34903152 Type: G2938C

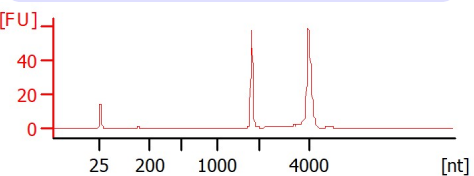
Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
 Assay Class: Eukaryote Total RNA Nano
 Version: 2.6
 Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
 © Copyright 2003 - 2009 Agilent Technologies, Inc.

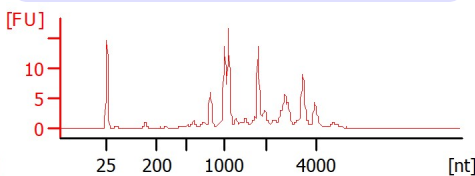
Chip Information:

Chip Lot #:
 Reagent Kit Lot #:
 Chip Comments:

2
 TAG0015 TOTRNA
 RIN: 9.90



5
 TAG0015 TOTRNA
 RIN: 6.40



Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
Modified: 8/6/2020 1:58:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
2	TAG0015 TOTRNA	✓	RIN: 9.90	
5	TAG0015 TOTRNA	✓	RIN: 6.40	
Ladder		✓	All Other Samples	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
Modified: 8/6/2020 1:58:43 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/ μ l] : 150
Lower Marker Concentration [ng/ μ l] : 0
Upper Marker Concentration [ng/ μ l] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

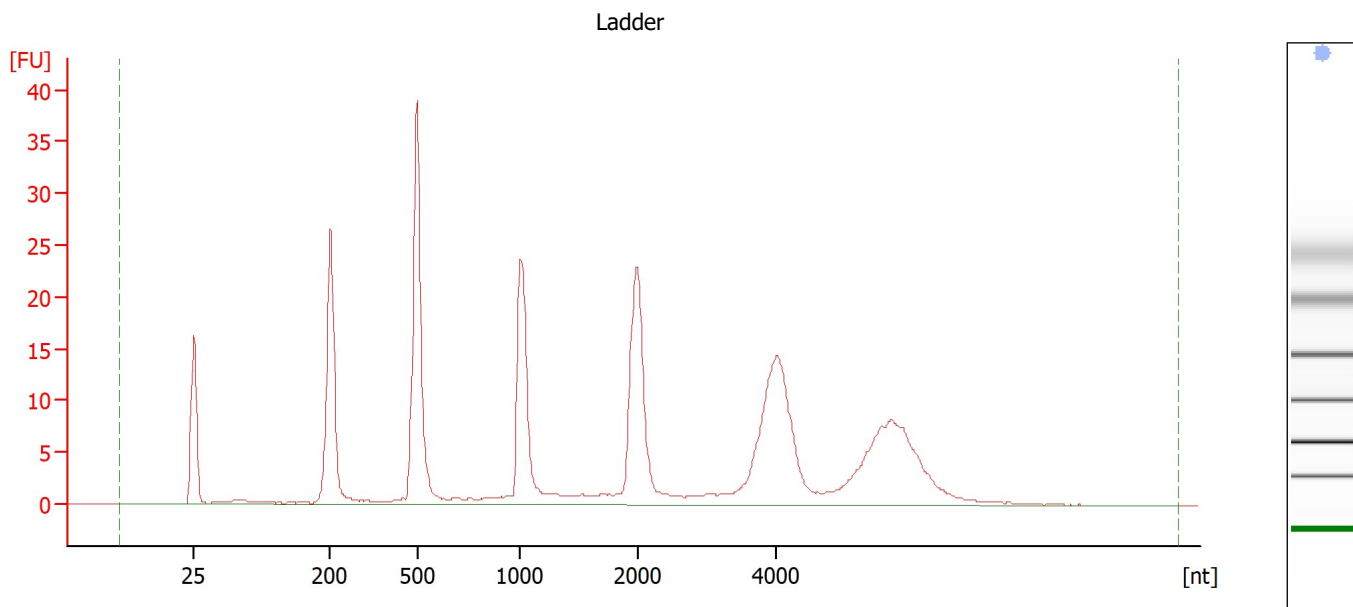
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
Modified: 8/6/2020 1:58:43 PM

Electropherogram Summary



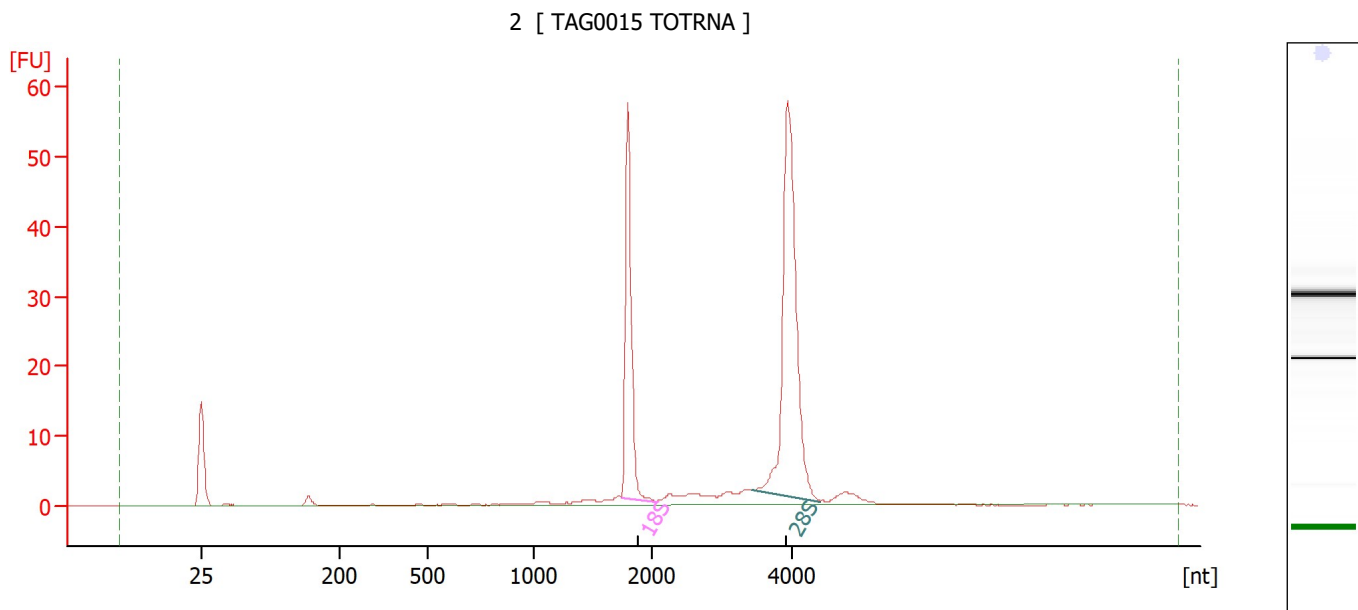
Overall Results for Ladder

RNA Area:	283.6	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
 Modified: 8/6/2020 1:58:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 2

RNA Area:	161.5	RNA Integrity Number (RIN):	9.9 (B.02.10)
RNA Concentration:	85 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 9.90

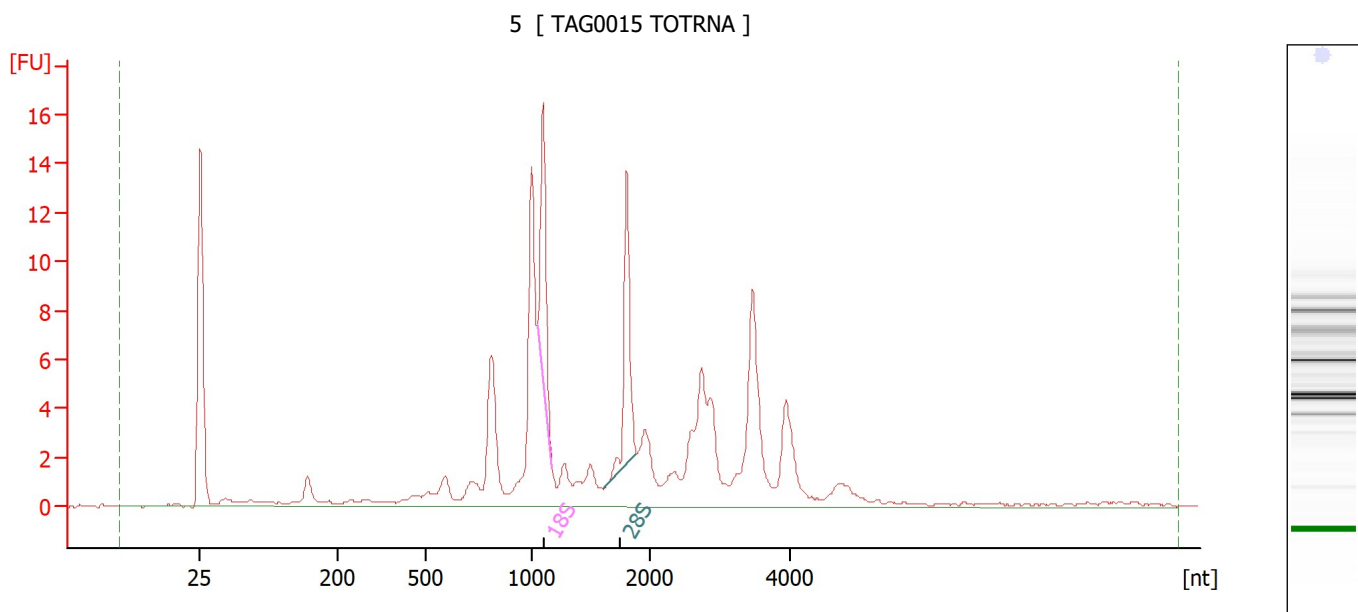
Fragment table for sample 4 : 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,744	2,055	41.1	25.5
28S	3,419	4,404	79.1	49.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
 Modified: 8/6/2020 1:58:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 5

RNA Area:	121.2	RNA Integrity Number (RIN):	6.4 (B.02.10)
RNA Concentration:	64 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 6.40

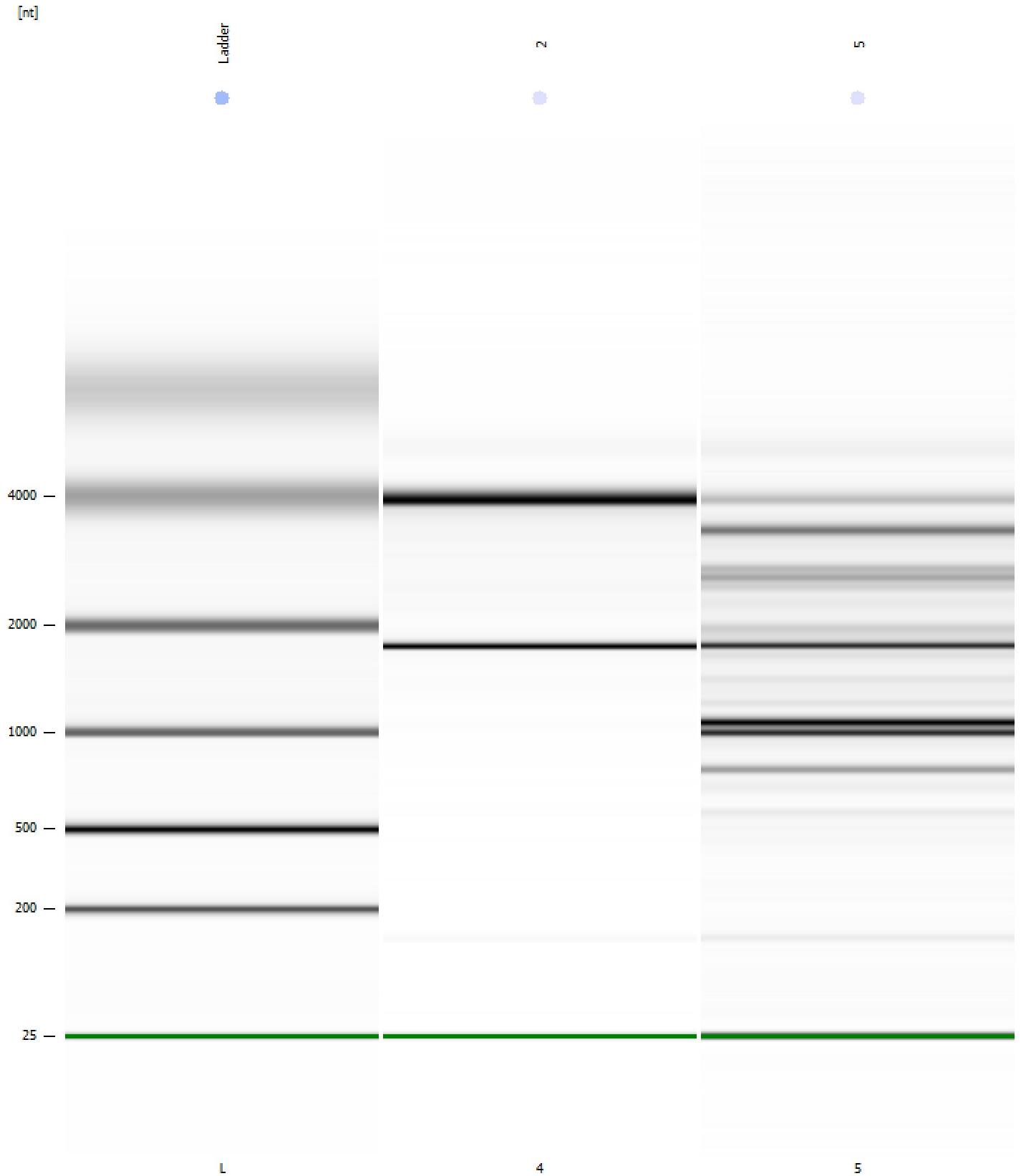
Fragment table for sample 5 : 5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,054	1,181	8.4	6.9
28S	1,615	1,887	8.9	7.3

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
Modified: 8/6/2020 1:58:43 PM

Gel Image



Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\XADs\2020-08-06\TAG0015_TOTRNAQC.xad

Created: 8/6/2020 1:28:56 PM
 Modified: 8/6/2020 1:58:43 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		8/6/2020 1:52:46 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-08-06\Bioanalyze_r1_Eukaryote Total RNA Nano_2020-08-06_001.xad)		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/6/2020 1:29:02 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB